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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 06/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929,424

Applicant(s)

CLOUGH ET AL.

Examiner

Jeffrey C. Pwu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Ishizuka (U.S. 2002/0065873).

Ishizuka teaches claims:

1. A system for accessing network-accessible devices comprising: multiple network-accessible devices, each device comprising:

a wireless transmitter (106) for wirelessly transmitting associated address data for receipt by individual client devices (110), the address data being configured for use in accessing, via a network (503), a network-accessible device that wirelessly transmitted the associated address data; and

a connection module for establishing a network link with one or more client devices based upon the wirelessly transmitted address data, said link permitting individual client devices to access a network-accessible device using the associated address data. (501)

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2. The system of claim 1, wherein said link comprises a wireless link. (paragraph [0032])

3. The system of claim 1, wherein said link comprises a wired link. (paragraph [0033])

4. The system of claim 1, wherein said link comprises an Internet link. (102)

5. The system of claim 1, wherein said link comprises a wireless Internet link. (102)

6. A system for accessing Internet-connected printers comprising: one or more Internet-connected printers, individual printers comprising:

a wireless transmitter (106) for wirelessly transmitting associated address data for receipt by individual client devices, the address data being configured for use in accessing, via the Internet, an Internet-connected printer that wirelessly transmitted the associated address data (501); and

an Internet connection module for establishing an Internet link (108) with one or more client devices based upon the wirelessly transmitted address data, said Internet link permitting individual client devices to access an Internet-connected printer using the associated address data. (106, 110, fig.1)

7. The system of claim 6, wherein the Internet connection module is configured to establish a wireless Internet link. (paragraph [0042])

8. A network-accessible device comprising: one or more processors; one or more computer-

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readable media; a wireless transmitter for wirelessly transmitting address data associated with the device, the address data being useable to establish an Internet connection with the device; an Internet connection module for establishing an Internet connection; and instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to: transmit address data for the device using the wireless transmitter; establish an Internet connection using the connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and permit interaction with the device via the Internet connection. (claim 8 is similarly rejected as in claim 1)

9. The network-accessible device of claim 8, wherein the Internet connection comprises a wireless connection. (103, 106)

10. The network-accessible device of claim 8, wherein the Internet connection comprises a wired connection. (223)

11. The network-accessible device of claim 8, wherein the wireless transmitter comprises a bluetooth transmitter. (It is inherent to use bluetooth/801.11 standard in a wireless LAN)

12. The network-accessible device of claim 8, wherein the address data comprises at least one URL. (paragraph [0043])

13. An Internet-connected printer comprising: one or more processors; one or more computer-

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readable media; a wireless transmitter for wirelessly transmitting address data associated with the printer, the address data being useable to establish an Internet connection with the printer; an Internet connection module for establishing an Internet connection; and instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to: transmit address data for the printer using the wireless transmitter; establish an Internet connection using the Internet connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and permit interaction with the printer via the Internet connection. (claim 13 is similarly rejected as in claim 1)

14. A client device comprising: one or more processors; one or more computer readable media; a wireless receiver for receiving wirelessly transmitted address data associated with one or more Internet-accessible devices; a connection module for establishing an Internet connection; and instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to: establish an Internet connection using the connection module; process address data wirelessly received by the wireless receiver from at least one Internet-accessible device; and establish an Internet link with one or more Internet-accessible devices using the address data. (claim 13 is similarly rejected as in claim 1)

15. The client device of claim 14, wherein the Internet connection comprises a wireless connection. (paragraph [0032])

16. The client device of claim 14, wherein the Internet connection comprises a wired connection.

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(paragraph [0033])

17. The client device of claim 14, wherein the instructions cause the processors to establish a wireless Internet connection. (102)

18. The client device of claim 14, wherein the instructions cause the processors to establish a wired Internet connection. (102)

19. The client device of claim 14, wherein the wireless receiver comprises a bluetooth receiver.
(It is inherent to use bluetooth/801.11 standard in a wireless LAN)

20. The client device of claim 14, wherein the address data comprises a URL. (paragraph [0043])

21. A method for accessing network-accessible devices comprising: wirelessly beaconing address data associated with a particular device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the particular device for interacting with the particular device; and establishing an Internet link with one or more client devices based on the wirelessly beacons address data, said link permitting interaction between the particular device and the one or more client devices. (Claim 21 is similarly rejected as in claim 1)

22. The method of claim 21, wherein said beaconing is performed by the particular device.

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(abstract; “printing from a wireless mobile device over a computer network”)

23. The method of claim 21, wherein said beaconing comprises using infrared technology to beacon the address data. (paragraph [0007])

24. The method of claim 21, wherein said beaconing comprises using RF technology to beacon the address data. (paragraph [0007])

25. The method of claim 21, wherein said beaconing comprises using bluetooth technology to beacon the address data. (It is inherent to use bluetooth/801.11 standard in a wireless LAN)

26. The method of claim 21, wherein said address data comprises a URL. (paragraph [0043])

27. The method of claim 21, wherein said establishing the Internet link comprises establishing a wireless Internet link. (102)

28. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors, cause the processors to: wirelessly beacon address data associated with a network-accessible device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the network-accessible device for interacting with the network-accessible device; and establish an Internet link with one or more client devices based on the

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wirelessly beacons address data, said link permitting interaction with the one or more client devices. (claim 28 is similarly rejected as in claim 1)

29. A method for accessing Internet-accessible devices comprising: discovering one or more Internet-accessible devices by wirelessly receiving one or more URLs associated with and transmitted by the Internet-accessible devices; establishing an Internet connection with the one or more Internet-accessible devices based on the one or more URLs; and interacting with the one or more Internet-accessible devices via the Internet connection. (paragraph [0043])

30. The method of claim 29, wherein said establishing comprises establishing a wireless Internet connection. (paragraph [0032])

31. The method of claim 29, wherein said establishing comprises establishing a wired Internet connection. paragraph [0033])

32. A method of accessing an Internet-connected printer comprising: wirelessly receiving, with a client device, address data associated with one or more Internet-connected printers; processing the address data with the client device to establish an Internet link with one or more Internet-connected printers; and interacting with the Internet-connected printers via the Internet link. (claim 32 is similarly rejected as in claim 1; also see paragraph [0043])

33. The method of claim 32, wherein said wirelessly receiving comprises bringing the client

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device into close proximity with an Internet-connected printer that is transmitting address data.

(fig.2; local area network)

34. The method of claim 32, wherein said processing comprises establishing a wireless Internet link using the address data. paragraph [0032])

35. The method of claim 32, wherein said processing comprises establishing a wired Internet link using the address data. paragraph [0033])

36. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors on a client device, address data associated with one or more Internet-connected printers; process the address data with the client device to establish an Internet link with one or more Internet-connected printers; and interact with the Internet-connected printers via the Internet link. (paragraph [0043])

Response to Arguments

3. Applicant's arguments filed 3/3/06 have been fully considered but they are not persuasive.

With respect to applicant's argument, in independent claim 1, the prior art reference, **Ishizuka**, fails to teach "a network-accessible device having a wireless transmitter for wirelessly transmitting address data associated with the network-accessible device for receipt by client devices"

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Firstly, Claim 1 recites the limitation “A network-accessible device **comprsing**: a wireless transmitter for wirelessly transmitting **associated address data ...**”. But not the limitation “a network-accessible device **having** a wireless transmitter for wirelessly transmitting **address data associated** with the network-accessible device for receipt by client devices. (emphasis added)

Secondly, **Ishizuka**, clearly show a wireless mobile device 106, containing a wireless network-accessible transmitter transmitting its associated address data for receipt by a client

For examples:

- abstract, “A method for printing from a wireless mobile device over a computer network including transmitting to a wide area network (WAN) information a user wishes to print using a wireless mobile device.”
- Fig.5, 501-503, “transmit info. To be printed over a wireless connection”, “receive, by a WAN, the information to be printed”
- Fig.7, 701, “PDA/Smart phone sends displayed information wirelessly to the printed”
- Paragraph [0025], “The server 104 is any suitable workstation or other device, such as the server 104 of Fig.2, for communicating with the wireless mobile devices and addressable printing devices 110.”

With respect to applicant’s argument that the prior art reference fail to disclose “a network-accessible deice that wireless transmits its address data to a client device” in claims 6, 8, 13, 14, 21, 28, 29, and 36. In contrary, **Ishizuka** discloses a network-accessible deice wireless transmits its address data to multiple client devices as demonstrated in:

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- abstract, “A method for printing from a wireless mobile device over a computer network including transmitting to a wide area network (WAN) information a user wishes to print using a wireless mobile device.”
- Fig.5, 501-503, “transmit info. To be printed over a wireless connection”, “receive, by a WAN, the information to be printed”
- Fig.7, 701, “PDA/Smart phone sends displayed information wirelessly to the printed”
- Paragraph [0025], “The server 104 is any suitable workstation or other device, such as the server 104 of Fig.2, for communicating with the wireless mobile devices and addressable printing devices 110.”
- Paragraph [0024], The wireless mobile device 106 has a digital bi-directional connection with the ISP108
- Paragraph [0029], “a generic printer driver specifically configured to enable the wireless mobile device 106 to print using the printer 110 is stored in the memory of the server 104. The server 104 also stores network addresses of printers accessible to the user. Associated with each stored address is the printer driver necessary to operate that printer. (The server 104 may also include special purpose logic devices (e.g., application specific integrated circuits (ASICs)) or configurable logic devices (e.g., generic array of logic (GAL) or reprogrammable field programmable gate arrays (FPGAs)). Other removable media devices (e.g., a compact disc, a tape, and a removable magneto-optical media) or fixed, high density media drives, may be added to the server 104 using an appropriate device bus (e.g., a small computer system interface (SCSI) bus, an enhanced integrated device electronics (IDE) bus, or an ultra-direct memory access (DMA) bus). The server 104 may additionally include a compact disc reader, a compact disc

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reader-writer unit, or a compact disc juke box, each of which may be connected to the same device bus or another device bus.)

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

5/29/06



JEFFREY PWU
PRIMARY EXAMINER